(Form 1) (Those belonging to KEK will not need to submit this form)

Application Form by the Principal Investigator's Manager

Date

To Director General,

Inter-University Research Institute Cooperation

High Energy Accelerator Research Organization

Institution Name

Affiliation Name

Job Title

Name

Application

for

" Early Career Research Program on Accelerator Technology R&D"

We hereby apply for the above-mentioned program as per the attached proposal documents.

The self-evaluation checklist for system development, etc. based on the "Guidelines for Management and Audit of Public Research Funds at Research Institutions (Implementation Standards)" has already been submitted.

Please enter only if you have submitted a self-evaluation checklist for system development based on the "Guidelines for Management and Audit of Public Research Funds at Research Institutions (Implementation Standards)" since April 2022.

Research Title:

Name of Principal Investigator(s):

Affiliation / Position:

(Form 2)

Front page

“Early Career Research Program on Accelerator Technology R&D” Proposal Documents

KEK Collaborator Info

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Research  Title | | | |  | | | | | | | |
| Research Period | | | | From XX (XXX) year - XX (XXX) year 2024 (XX years) | | | | | | | |
| Name of Institution | | | |  | | | | | | | |
| Address | | | |  | | | | | | | |
| PI Info | Name | | | job  title | | | | | | | |
| Affiliation | | |  | | | | | | | |
| Contact | | | TEL. FAX. | | | | | | | |
| E-mail: | | | | | | | |
|  | Name | | | \*Name of the person in charge of facility, etc. should be printed | | | Job Title |  | | | |
| Affiliation | | |  | | | | | | | |
| Contact | | | TEL. FAX. | | | | | | | |
| E-mail: | | | | | | | |
| Research  Outline | | | (Please provide a 400-word summary of the proposal for which you are applying.) | | | | | | | | |
| Necessary estimate budget (Unit: thousand yen) | | JFY2023 | | | JFY2024 | JFY2025 | | | JFY2026 | JFY2027 | Total |
|  | | |  |  | | |  |  |  |

(Form 3)

Research Plan for Entire Proposal

Please describe the project based on the Funding Opportunity Announcement.

1. Purpose of the research (1 page maximum)

In this column, please describe your awareness of recent domestic and international research trends and issues related to the development of basic technology for advanced accelerators, and then describe how you produced the idea for your proposal and the purpose of your research.

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2. Achievement goals, expected results (1 page maximum)

In this column, please describe the specific achievement goals and expected results, considering the results of previous research and technological development.

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| --- |
| 3. Research plan and methodology (maximum 2 pages)  In this column, please describe the specific research plan and methods to achieve the research objectives (an illustration of the research theme should be attached). If you will be using KEK facility, please specify the facility.  Please also describe how the applicant intends to utilize past achievements and the latest knowledge, etc. |

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|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 4-1．Annual Plan (Line Table)  　In this column, please enter the annual plan and estimated amount required for each R&D item.　　　　　　　　　　　　　　　　　　　　　　（Unit: thousand yen） | | | | | | |
| R&D Items | JFY 2023 | JFY 2024 | JFY 2025 | JFY 2026 | JFY 2027 | Total estimated budget |
| ○○○○○○○Development  （Equipment Cost）  ・～～～～Manufacturing  ・～～～～Equipment  （Project implementation costs）  ・～～～～Evaluation | 0  【0】  0  0 |  |  |  |  | 0  Figures in [ ] are self-financing  （Equipment expenses）  0【0】  （Project implementation cost）  　0 |
| Total | 000,000 | 000,000 | 000,000 | 000,000 | 000,000 | 000,000 |

\*Add additional fields as necessary.

Please enter the amount expected to be allocated from this grant as the estimated amount required, based on the Funding Opportunity Announcement. If you intend to conduct R&D with additional funds from your own resources, etc., enter them separately from the amount expected to be allocated from this grant.

|  |
| --- |
| 4-2. Specific Details of Implementation  　In this column, please provide a brief itemized description of specific implementation details for each R&D item by JFY and the corresponding achievement targets. |

|  |  |
| --- | --- |
| Specifics of R&D | Achievement Targets |
| JFY 2023 |  |
| JFY 2024 |  |
| JFY 2025 |  |
| JFY 2026 |  |
| JFY 2027 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5. Facilities, Instruments, and Devices Required for R&D | | | | |
| Name of product | Use | Amount (thousand yen) | Classification of product: choose either ”owned”, “purchase”, or “lease” | Time of procurement in case of purchase or lease |
|  |  |  |  |  |

Please list the "Product Name" for each R&D item in the annual plan.

\*If the " Classification of product: choose either ”owned”, “purchase”, or “lease”" is ”owned,” enter "0" in the "Amount (thousand yen)" column.

\*Enter "xxxx(year) x (month)" for "Date of procurement in case of purchase or lease.

(Form 4)

Expenses Required by Each JFY

(Unit: thousand yen)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Main items | Sub-main items | JFY 2023 | JFY 2024 | JFY 2025 | JFY 2026 | JFY 2027 | Total | Remarks (personal funds, etc.) |
| Development of \_\_\_\_. | |  |  | | | |  |  |
| cost of equipment | |  |  |  |  |  |  |  |
| business implementation cost | office supplies |  |  |  |  |  |  |  |
| travel expenses |  |  |  |  |  |  |  |
| travel expenses |  |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |  |
| Other | |  |  |  |  |  |  |  |
| Total | |  |  |  |  |  |  |  |
| Total equipment expenses | |  |  |  |  |  |  |  |
| Total project implementation costs | |  |  |  |  |  |  |  |
| Total of other costs | |  |  |  |  |  |  |  |
| Total | |  |  |  |  |  |  |  |

\*Amounts for each item should be entered in thousands of yen (rounded down to the nearest thousand yen) and, in principle, should include consumption tax.

\*Add additional fields, as necessary.

\*Please enter the amount expected to be allocated from this grant as the estimated amount required, based on the " Funding Opportunity Announcement". If you intend to conduct R&D with additional funds from your own resources, etc., please enter them in the remark column separately from the estimated amount to be allocated from this grant.

(Form 5)

Principal Investigator's Research History

|  |  |  |  |
| --- | --- | --- | --- |
| Researcher Name  (Institution, Department, Position) | Final Educational Background (Degree) | Field of Expertise | Research History  (including awards and recognitions) |
|  |  |  |  |

(Form 6)

# Status of Application, Acceptance, etc. of Other Project Expenses

|  |  |
| --- | --- |
|  |  |
| ・ | Please provide the title of the R&D project, the period of R&D, your role, the amount of research and development expenses received by you, and your effort, etc., for each program name, for the national competitive funding system and other research grants (including private foundations and overseas organizations) that you are currently receiving or have applied for or plan to apply for. Please also refer to "Handling Procedures 17 (4) Measures against Unreasonable Duplication and Excessive Concentration". |
| ・ | If the information provided in the application is not true, the application may be cancelled or the allocation reduced later, even if it has been selected. |
| ・ | If any of the information on this form changes during the selection process, such as the acceptance or rejection of an application for a research grant that you are currently applying for or plan to apply for, please contact us by e-mail after revising this form to the contact information listed on the application form. |
| ・ | If necessary, applications and plans for other programs maybe requested to submit. |

1. Pending and planned research funding

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of R&D fund (name of research institution, allocating organization, etc.) | Research and  Development  Project Title (Name of principal investigator) | Role | R&D expenses for FY2023 (entire period) (Thousands of yen) | Effort (%) | Differences in R&D content and reasons for applying for this research proposal in addition to other R&D funding |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1. Research funds received or to be received

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of R&D fund (name of research institution, allocating organization, etc.) | Research and  Development  Project Title (Name of principal investigator) | Role | R&D expenses for FY2023 (entire period) (Thousands of yen) | Effort (%) | Differences in R&D content and reasons for applying for this research proposal in addition to other R&D funding |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

- Please list the grants you are currently receiving or have been approved for, in descending order of the amount of your R&D expenses (for the entire period).

- Please indicate your role in the "Role" as a representative or a collaborator of the grant.

- Please enter the amount of your R&D expenses (direct expenses) in the "R&D Expenses" column.

- Please enter the percentage (%) of the total annual working hours (including educational and medical activities as well as research and development activities) that are necessary for the implementation of the relevant research and development (as defined by the Council for Science, Technology, and Innovation).

- Please make sure that the total of the effort of the human resource development program and the effort of the grant you are currently receiving does not exceed 100%.

- Please add or subtract lines, as necessary.

(Form 7)

# Explanation of Terms

\*Please provide a brief explanation of any technical terms and abbreviations listed in this proposal document that you consider particularly necessary (free format). Please note that submission is not obligatory.

(Attachment)

# Proposal Check Sheet

Please check your proposal for any missing information and submit this checklist as we ll. Please refer to the Guidelines for Proposal Submission for details. Please also indicate the page numbers of the proposal documents. Please delete the blue text when writing each form of the proposal documents.

|  |  |
| --- | --- |
| Principal Investigator's Name |  |
| Title of application |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Application Document | | | Submission Requirement※ | Remark |
| □ | Form１ | Application from Manager | ○ |  |
| □ | Form 2 | Front Page | ○ |  |
| □ | Form３ | Research Plan for Entire Proposal | ○ |  |
| □ | Form４ | Expenses required by JFY | ○ |  |
| □ | Form５ | Principal Investigator's Research History | ○ |  |
| □ | Form６ | Status of application, acceptance, etc. of other project expenses | ○ |  |
| □ | Form７ | Explanation of Terms | △ | optional |
| □ | Proposal Check Sheet | | ○ |  |

※○：Submission Required　△：Submit if necessary

Change the □to■for documents that are submitted.